

### west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

November 04, 2013

#### WELL WORK PERMIT

#### Secondary Recovery Well

This permit, API Well Number: 47-10302655, issued to HG ENERGY, LLC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin

Chief

Operator's Well No: IRENE REILLY 16

Farm Name: WV PUBLIC LANDS CORP.

API Well Number: 47-10302655

Permit Type: Secondary Recovery Well

Date Issued: 11/04/2013

Promoting a healthy environment.

## **PERMIT CONDITIONS**

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

#### CONDITIONS

- 1. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 2. Pursuant to 35 CSR § 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
- 3. Pursuant to 35 CSR § 4-19.1.c, if the operator is unable to sample and analyze any water well or spring within one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
- 4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
- 5. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
- 6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours.
- 7. Well work activities shall not constitute a hazard to the safety of persons.
- 8. If well work related activities require the use of water obtained by withdrawals from waters of this state in amounts that exceed two hundred ten thousand gallons during any thirty day period, the operator is required to consult, and adhere to, the guidance provided by DEP's Water Withdrawal Guidance Tool prior to any water withdrawals.

WW-3B 10/07



1) Date		J	13				
2) Operator's Well	l No.	Irene Reilly No. 16					
3) API Well No.	47	-	103	-	2655		
· ·	State		County		Permit		
4) UIC Permit No	<u>.</u>	UIC2R09501AP					

# STATE OF WEST VIRGINIA NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

5)	WELL TYPE		Liqui	d Injection	X		Gas	Injection	(not stora	age)	Wast	e Disposal		_	
6)	LOCATION:		Elevation	1117				Wate	ershed	Fluhar	ty Fork				
		District	t	Green		C	ounty	Wetze	-1		Quadrangle	Cei	nterpoin	t 7.5'	
7)	WELL OPER	ATOR:	HG Ener	rgy, LLC		49449	7948	8) DE	SIGNATE	ED AGENT	: 1	Mike Kirsc	h		
			5260 Du	pont Road								5260 Dupo	nt Road		
			Parkersl	ourg, WV	26101							Parkersbu		6101	
9)	OIL & GAS I	NSPECT	OR TO BE	NOTIFIE	ED:			10) DI	RILLING	CONTRAC	TOR:				
		Name	e Derek H	aught				,			To Be Determ	ined Upon I	Permit Ap	proval	
		Address	PO Box	85						Address					
			Smithvil	le, WV 26	178										
11)	PROPOSED V	WELL W	ORK:	Drill			Dri	ll Deeper		Redril		Stimulate			
,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				ld Form			Perforate	New Form			Convert	;	X
				Other	Physic	al Chan	ge in Well	(specify)			-		•	-	
12)	Geological tar	get form	ation		Gordo	n		Depth	4	2,947	Ft. (Top) to		2,966	Ft. (Bo	ttom)
13)	Estimated de	pth of cor	npleted w	ell (or acti	ıal dept	h of exis	sting well)	)		3170'	I	Ft.			
14)	Approximate	water str	ata depth	s:	Fresh		4	100	Ft.		Salt	1,41	.5	Ft.	
15)	Approximate	coal sean	n depths:				840		Ft.		-			•	OM
16)	Is coal being i						Yes		X	No					8-1
17)	Virgin reserve			et formati	on:			60		psig.	Source		Estimat	ted	
18)	Estimated res	- 1					12	200		psig.	_			167	
19)	MAXIMUM P				ER ATTO	NS.	VIII. 1000	per hour	25 bbl/l		Bottom Hole	Pressure	9	2400 psi	
25-1610															
20)	DETAILED II and other che									DDITIVES	Fresh wa	ter, produ	ced wate	r, bacter	ricides
21)	FILTERS (IF	ANY)		Cartridge	filters	and/or	coal bed fi	ilters							
22)	SPECIFICAT	ION FOR	CATHOL						ON CONT	rroi.			-	****	
/	51201110111	20212 02	. 01111101	21011101	10110	.,,,,,,,	Ollimit		011 0011	ITOL					
23)	CASING ANI	TUBIN	G PROGR	AM		Tur								1915	
CVG	ING OR		CDECL	FICATION	TC		FOO	TAGE IN	TEDVAL	CI.	CEMENT	ZILLIID.	D	ACKERS	,
	ING OR	Size	Grade	Weight		Used	For Dr			n Well	OR SACKS	- 000 miles (100 miles	PI	ACKERS	·
	luctor	Dizc	Grade	ricigite	TYCW	Oscu	101 101	iming	Deter	n wen	ORDINORD		Kinds		
	h Water	7"	ST	17#	X		109	4'	10	94'	Use Existing		Tension		
Coal		-		2			100				Coo Zimoting	Caoms	Sizes		
	rmediate												2.375"	X 4.5"	
	uction	4 1/2"	J-55	10.5#	X		308	9'	308	89'	Use Existing	Casing	Depths		
Tubi		2 3/8"	J-55	4.6#	X		285	0'	28	50'			2750'		
Line	rs										- :	6.0	Perfora	tions	
							Į.					DEOF	Тор	Bottom	
	E H											RECE	IVEL	)	
											Office	e of O	land	Gas	
24)	APPLICANTS	OPERA	TING RIG	HTS were	acquir	ed from	Iı	rene Reilly	, et al					uuo	
	by Deed		Lease	X	Ot	her Con	tract		Dated	Januar	y 17, 1889	SEP 26	of record	d in the	
			Wetzel		County	Clerk's	s Office in		Lease	Book	47 a	t Page	193		
					2			de la		<del></del>	WV	Denar	L	2 157	-

WV Department of Environmental Protection

2950'-2951'

### State of West Virginia **Division of Environmental Protection** Section of Oil and Gas Well Operator's Report of Well Work

Farm name:

WV PUBLIC LANDS CORP.

Operator Well No.: **IRENE REILLY 16** 

LOCATION:

Elevation:

1,117'

Quadrangle:

**CENTERPOINT 7.5'** 

District:

Latitude:

**GREEN** 

County:

WETZEL

1,840 Feet south of

39 Deg 30 Min

Sec.

Longitude:

9,760 Feet west of

80 Deg 40 Min

0 Sec.

Company Address:	HG Energy PO Box 5519 Vienna, WV 26105		Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Inspector:	Derel	k Haught				
Date Permit Is	ssued:	6/23/2011				İ
Date Well Wo	ork Commenced:	10/13/2011				
Date Well Wo	ork Completed:	11/21/2011		:		
Verbal Pluggi	ng:		1			
Date Permissi	on Granted On:	<del>5.00 , n</del>				
Rotary X	Cable	Rig	7"	1094'	1094'	270 sks
Total vertical	Depth (ft):	3170'				
Total Measure	ed Depth (ft):	3170'				
Fresh Water D	epth (ft):	400'	4 ½"	3088.95'	3088.95'	150 sks
Salt Water De	pth (ft):	None				
Is Coal being:	mined in ares (Y/N)	)? No				
Coal Depths (	ft): x	836'-846'				
Void(s) encou	ntered (Y/N) depth	(s):				
	NONE					

#### **OPEN FLOW DATA**

\* Waterflood Producer

	ng formation		Gord			zone depth (ft		79'-2980'
Gas:	Initial open flow		*	MCF/d	Oil: Initial op	en flow	*	Bbl/d
	Final open flow		*	MCF/d	Final ope	n flow -	*	Bbl/d
	Time of open flow	between	initial	and final	tests	* 7	Hours	<del></del>
Static ro	ock pressure		*	psig (sur	face pressure)	after	*	_Hours
Second	producing formation				Pay	zone depth (ft	)	
Gas:	Initial open flow			MCF/d	Oil: Initial op	en flow		Bbl/d
	Final open flow	-		MCF/d	Final ope	n flow -		Bbl/d
	Time of open flow	between	initial	and final	tests	]	Hours	<del>-</del>
Static ro	ock pressure			psig (sur	face pressure)	after		_Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Were core samples taken?

No

Were cuttings caught during drilling? No

Were

Electrical,

Mechanical, N or Geophysical logs recorded on this well?

Y/N

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Treatment:

Treated perfs 2950'-2591',2953'-2961', 2964'-2965', 2975.5'-2976.5', and 2979'-2980' w/

500 gals 15% HCL, 362 bbls cross linked gel, and 20,000# 20/40 sand.

Well Log:

All depths are measured relative to KB (8' AGL).

relative to	KR (9. AGL
0	- 836
836	- 846
846	- 1054
1054	- 1076
1076	- 1139
1139	- 1174
1174	- 1288
1288	- 1334
1334	- 1384
1384	- 1441
1441	- 1454
1454	- 1483
1483	- 1496
1496	- 1531
1531	- 1599
1599	- 1616
1616	- 1632
1632	- 1640
1640	- 1692
1692	- 1725
1725	- 1790
1790	- 1800
1800	- 1874
1874	- 1912
1912	- 2054
2054	- 2069
2069	- 2081
2081	- 2106
2106	- 2174
2174	- 2343
2343	- 2921
2921	- 2939
	- 2947
	- 2966
	- 2974
	- 2984
	- 3170
	KB
3170	KB
	0 836 846 1054 1076 1139 1174 1288 1334 1384 1441 1454 1483 1496 1531 1599 1616 1632 1640 1692 1725 1790 1800 1874 1912 2054 2069 2081 2106 2174 2343

WW-3A 10/07



1) Date:	July 31, 2013				
2) Operator's We	ll No.	Irene Reil	ly No. 1	6	
3) API Well No.	47	103	-	2655	
	State	County		Permit	
4) UIC Permit N	UIC2R09	501AP			

#### STATE OF WEST VIRGINIA NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

5) Surface Owner(s) To Be Served		7 (a) Coal Operator	
(a) Name WV Public Lands Corpora	tion /	Name	NA
Address 1900 Kanawha Blvd. East	,	Address	
Charleston, WV 25305			
(b) Name John S. Knight	1/	7 (b) Coal Owner(s	) With Declaration Of Record
Address 1668 Hillside Terrace	/	Name	NA
Akron, OH 44305	/	Address	,
(c) Name Sandra Brown	1/		
Address 7685 S. Union Road		Name	NA
Miamisburg, OH 45342		Address	
Miamisburg, OH 45342			
6) Inspector Derek Haught		7(c) Coal Lessee W	ith Declaration Of Record
Address PO Box 85	Th.	<u></u>	NA
Smithville, WV 26178			
Telephone 206-7613			
TO THE PERSON(S) NAMED ABOVE:	Vou should have r	eceived this fo	orm and the following documents:
(1) The Application for a Liquid Injection of		ll Work Permit	on Form WW-3(B), which
sets out the parties involved in the drill		111111 0 1	
(2) The plat (surveyor's map) showing the v			de is sulta to alta a mall)
(3) The Construction and Reclamation Plan	on Form WW-9 (uni	ess the well wol	for the site and access read
which sets out the plan for erosion and	seaiment control and	for reclamation	for the site and access road.
The date proposed for the first injection or w	aste disposal is	NA	
THE REASON YOU RECEIVED THESE DOCUM		HAVE RIGHTS F	REGARDING THE APPLICATION
WHICH ARE SUMMARIZED IN THE "INSTRUC			
ARE NOT REQUIRED TO TAKE ANY ACTION .	AT ALL.		
Take notice that under Chapter 22-6 of the West Virgin	ia Code, the undersigned v	vell operator propos	es to file or has filed this Notice and
Application and accompanying documents for a Well Wo			
Environmental Protection, with respect to a well at the			
WW-6. Copies of this Notice, the Application, the plat, a			
ertified mail or delivered by hand to the person(s) nam	ed above (or by publication	in certain circums	tances) on or before the day of the
nailing or delivery to the Chief.			
The person signing this docu	ument shall make the fo	Howing certificati	on:
I	aminad and am	Well Operator	HG Energy, LLC
I certify under penalty of law that I have personally ex amiliar with the information submitted in this docume		Address	5260 Dupont Road
ammar with the information submitted in this docume and that, based on my inquiry of those individuals imm			Parkersburg, WV 26101
or obtaining the information, I believe that the information			
and complete. I am aware that there are significant pen		By:	Diane C. White
alse information, including the possibility of fine and in		Its:	Accountant
			RECEIVED
		w.	Office of Oil
		Signature	Diane Cumpoligas
Oil and Gas Privacy Notice			

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory fluites? Your personal information may be disclosed to other State agencies or third parties in the course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at:

Environmental Freedom of Information and DEP's Chief Privacy Officer at: Environmental Protection WW-2B1 Well No. Irene Reilly No. 16

# West Virginia Department of Environmental Protection Office of Oil and Gas

#### NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing, The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

X _ Contractor Nam	e Sturm Environmental Services
Well operator's	private laboratory
Well Operator	HG Energy, LLC
Address	5260 Dupont Road
	Parkersburg, WV 26101
Telephone	304-420-1119

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underlining which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

No known Water Supply Sources are located within 2000' of proposed well.

RECEIVED
Office of Oil and Gas

SEP 262013

WV Department of Environmental Protection

Form WW-9 Rev. 10/94

	Page_	3	of	3
API N	Jumber 47-	103		2655
Operator's Well No.	Irene I	Reilly N	lo. 16	

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

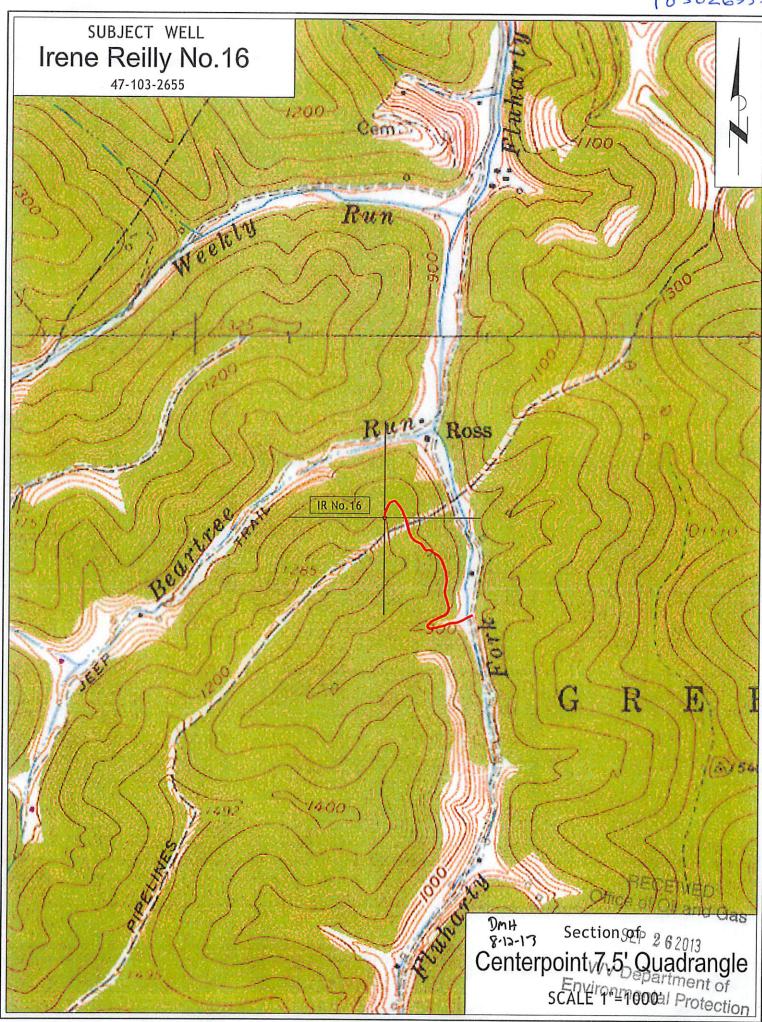
CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

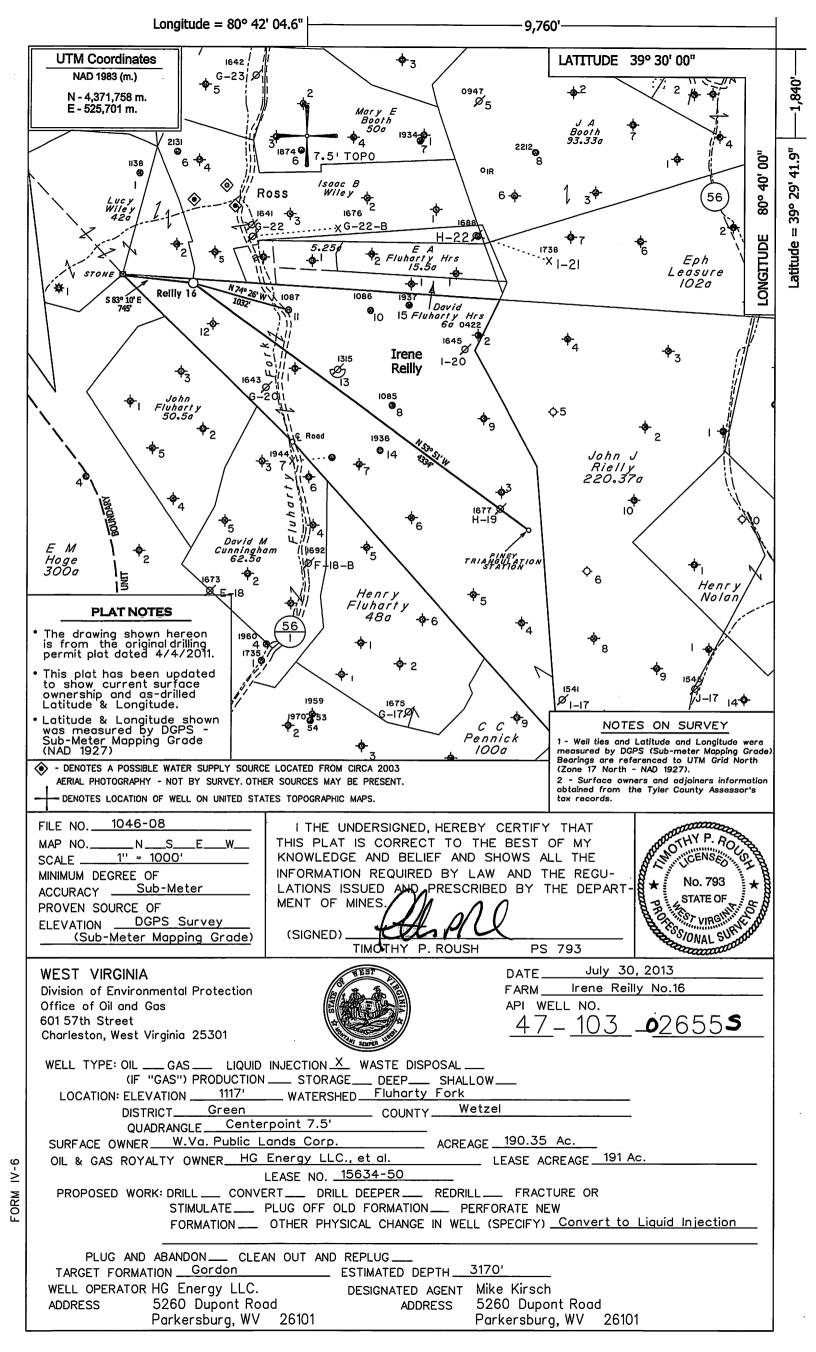
Watanakad	The second second second second second	y, LLC	1944   1941   271	0	P Code	494497948
Watershed	Fluharty F		77-100-FIG.	Quadrangle_	Centerpo	oint 7.5'
<del></del>	1117'	County	Wetzel	District_	Gree	en
			not be used lete the proposed well we	1 37		
	liner be used in pit?	or water to comp NA		ork Yes	No X	
	sal Method For Treated	-	If so, what mil.?			
- горосом Вюро	Land Applic					
·	Undergroun	d Injection (UIC	Permit Number			
	Reuse (at AF		WWW o a li			
-	Other	(Explain	rm WW-9 for disposal loc			That telepare
Drilling medium	anticipated for this wel			NA		
	f oilbased, what type? Sy			IVA	*****	
Additives to be a			•			
	sposal method? Leave in			March Colored		- Are-
	andfill or offsite name/pe		ium will be used? Ceme	nt, lime, sawdust N	A	Kill of No.
applicable law or	ns of the permit are enfo r regulation can lead to e	orceable by law. V inforcement actio	Violations of any term or on.		ral permit and	d/or other
applicable law or I ce this application f for obtaining the penalties for sub Company Offic	ons of the permit are enforced for regulation can lead to exertify under penalty of later and all attachments information, I believe the mitting false information ial Signature	orceable by law. Venforcement action with the I have pest thereto and that the information, including the personal control of	Violations of any term or on.  rsonally examined and a at, based on my inquiry o on is true, accurate and ossibility of fine or impr	condition of the general term familiar with the inf those individuals imcomplete. I am aware isonment.	ral permit and nformation su mediately res	d/or other bmitted on sponsible
applicable law or I co this application f for obtaining the penalties for sub Company Office Company Office	ens of the permit are enforced regulation can lead to evertify under penalty of la form and all attachments information, I believe the mitting false informationial Signature  ial (Typed Name)	orceable by law. Venforcement actions that I have personant that the information, including the property of th	Violations of any term or on.  rsonally examined and a ot, based on my inquiry o on is true, accurate and cossibility of fine or impressibility of the or impressibility of the control of the original of the	condition of the general term familiar with the inf those individuals imcomplete. I am aware isonment.	ral permit and nformation su mediately res	d/or other bmitted on sponsible
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applicable law on I contains application of for obtaining the penalties for sub Company Offici	ons of the permit are enforced regulation can lead to estify under penalty of la form and all attachments information, I believe the mitting false informationial Signature ial (Typed Name) ial Title	orceable by law. Venforcement actions that I have personant that the information, including the property of th	Violations of any term or on.  rsonally examined and a at, based on my inquiry o on is true, accurate and cossibility of fine or impr  Diane C. White  Accountant	condition of the general manufamiliar with the inf those individuals im complete. I am aware isonment.	and permit and another formation sumediately resthat there are that there are that there are that there are that the are the ar	d/or other bmitted on sponsible se significant
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## WW9-Back

# Legend

Property Boundary	AAVA	Diversion		
Road		Spring	<u></u> →	
Existing Fence	xxx	Wet Spot	₩_	
	_/_/_	Drain Pipe	——————————————————————————————————————	
Planned Fence		Waterway	$\leftarrow$	
Stream	>	Cross Drain		
Open Ditch	ુર્જુ જે	Filter Strip	XXXXXXXXXX	
Rock	-648 th-	Pit: Cut Walls		
	N			
North	N	Pit: Compacted Fill Walls		·
'Buildings			(TTTT)	
Water Wells	w w	Area of Land Application		
Drill Site	Φ	of Pit Waste	( , , , , , , , , , , , , , , , , , , ,	_1
	Are		evegetation pH	
roposed Revegetation Treatm	nent: Acres Disturbed Approx.  Area		O POGOSIANO SPECIFICAÇÃO	
	Approx	0.1 Ac.		
		orrect to pH 6.5	•	
Lime	2 Tons/Acre or C	Offect to pri 500	lbs. Minimum)	
Fertili	zer (10-20-20 or Equivalent) 50		103. 1141	
Mulch	Straw 2 Tons/A	cre .		
	SEED MI	XTURES		
			Area II (Road)	
-	<u>a I (Location)</u> Lbs/Ac.	Seed Type	Lbs/Ac.	
Seed Type	40	Tall Pescue	40 ^	. 1
Tall Fescue	5	Ladino Clover	5	· 00 ·
Ladino Clover			The little	10
			CO	· · · · · · · · · · · · · · · · · · ·
			- A Case	2.6 2013
	for land application	on .		2. Generalection
Drawing(s) of road, location, Photocopied section of invol	, pit and proposed area for land application ved 7.5' topographic sheet.	_	SEI	Oil and anial F.
7 Hotocopied access of				The Civiloni
Plan approved by:	1/0/		06	2.6 2013  2.6 2011 and Gas Protection  office of Other Commental Protection  office of Other Commental Protection
Comments:			4410	<del></del>
			61212	
Title: O	1 + les Inspector		Date:	
Field Reviewed?	( Yes	(	) No	
• 49000000				
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	A Second	4.		
	A Marian Control			







HG Energy, LLC 5260 Dupont Road Parkersburg, WV 26101 (304) 420-1100 - Office (304) 863-3172 - Fax

CK+5330 550°

July 30, 2013

Mr. Jeff McLaughlin WVDEP Division of Oil & Gas 601 57<sup>th</sup> Street Charleston, West Virginia 25304

RE:

Irene Reilly No. 16 (API 47-103-2655)

Green District, Wetzel County

West Virginia

Dear Mr. McLaughlin:

Enclosed are the Forms WW-3A, WW-3B, WW-9, WW-2(B1), mylar of plat, reclamation plan, topo map and copy of the certified mailing receipt for a permit to convert the above-captioned shallow, producing well to an injection well. Our check in the amount of \$550 is attached.

If you have any questions regarding this application, please call me at 304-420-1119.

Very truly yours,

Diane C. White

Enclosures

cc:

WV Public Lands Corporation - Certified

John S. Knight – Certified Sandra Brown - Certified Derek Haught - Inspector RECEIVED
Office of Oil and Gas

SEP 2 6 2013

WV Department of Environmental Protection